

# REPLACEMENT PARTS GUIDE

## 450K Crawler Dozer (PIN: 1T0450KX\_\_F304771—)



### HYDRAULIC SYSTEM OIL FILTER [T366738](#)

Interval (hrs) - 2000.

1



### HYDROSTATIC CHARGE OIL FILTER [T366738](#)

Interval (hrs) - 2000.

2



### ENGINE AIR FILTER ELEMENT—PRIMARY [AT390262](#)

Interval (hrs) - As Required

3



### ENGINE AIR FILTER ELEMENT—SECONDARY [AT390261](#)

Interval (hrs) - As Required

4



### WINCH HYDRAULIC RESERVOIR BREATHER FILTER (IF EQUIPPED) [AT101565](#)

Interval (hrs) - 1000.

5



### DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER) [RE567056](#)

Interval (hrs) - As Required

6



### OPEN CRANKCASE VENTILATION (OCV) FILTER [DZ105100](#)

Interval (hrs) - 2000.

7



### ENGINE OIL FILTER [RE504836](#)

Interval (hrs) - 500.

8



### SERPENTINE BELT—450K [T359321](#) (WITH AIR CONDITIONING) [T370705](#) (WITHOUT AIR CONDITIONING)

SERPENTINE BELT—650K  
[DZ118885](#) (WITH AIR CONDITIONING)  
[DZ114929](#) (WITHOUT AIR CONDITIONING)

Interval (hrs) - As Required

9



### TRANSMISSION OIL FILTERS [AT191102](#)

Interval (hrs) - As Required

10



### CAB RECIRCULATION AIR FILTER ELE- MENT (IF EQUIPPED) [AT315957](#)

Interval (hrs) - As Required

11



### CAB FRESH AIR FILTER ELEMENT [AT365870](#)

Interval (hrs) - 500.

12



### FUEL TANK BREATHER [T231314](#)

Interval (hrs) - 2000.

13



### DIESEL EXHAUST FLUID (DEF) TANK BREATHER [H216169](#)

Interval (hrs) - 4000

14



### DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER [DZ114640](#)

Interval (hrs) - 2000

15



### DIESEL EXHAUST FLUID (DEF) HEADER SUCTION FILTER AND- BAFFLE [AT502964](#)

Interval (hrs) - 4000

16



### WINCH OIL FILTER (IF EQUIPPED) [AT219961](#)

Interval (hrs) - 500.

17



### FINAL FUEL FILTER ELEMENT [DZ115390](#)

Interval (hrs) - 500.

18



### PRIMARY FUEL FILTER ELEMENT [DZ115391](#)

Interval (hrs) - 500.

19



### ENGINE ROCKER ARM COVER GASKET [R524499](#)






Interval (hrs) - 3000.

20



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Part Description	Part Number	Qty or capacity	Change Interval In Hours
John DeerePlus-50™ II Engine Oil <sup>1</sup> 	<a href="#">TY26669</a>	15.1 L (4.0 gal)	500
John Deere Hydrau™ Hydraulic and Hydrostatic System Oil <sup>1</sup> 	<a href="#">TY27367</a>	100.0 L (26.4 gal)	2000
John Deere Hy-Gard™ Winch Oil (if equipped) <sup>1</sup> 	<a href="#">TY6354</a>	8.5 L (2.3 gal)	1000
John Deere Hy-Gard™ Winch Oil (if equipped) <sup>1</sup> 	<a href="#">TY6354</a>	38.0 L (10.0 gal)	1000
John Deere Cool-Gard™ II Pre-Mix 	<a href="#">TY26575</a>	21.1 L (5.6 gal)	6000
<b>Fluid Analysis Kits<sup>2</sup></b>			
Diesel Engine Oil	<a href="#">AT346594</a>	1	500
Hydraulic/Hydrostatic System Oil	<a href="#">AT346594</a>	1	500
Final Drive Oil	<a href="#">AT346594</a>	2	500
Diesel Fuel	<a href="#">AT180344</a>	1	500
Engine Coolant	<a href="#">TY26873</a>	1	500
<sup>1</sup> During normal operating conditions, the fast fill fuel breather filter should be changed every 500 hours. If operating in dusty conditions, check filter more often and replace as required. See Operators Manual.			

## Service Intervals

<b>450K Crawler Dozer (PIN: 1T0450KX_ _F304771— )</b>	
<b>550K Crawler Dozer (PIN: 1T0550KK_ _F305398— )</b>	
<b>650K Crawler Dozer (PIN: 1T0650KK_ _F305399— )</b>	
<b>As Required</b>	
<input type="checkbox"/> Inspect and clean cooling package	<input type="checkbox"/> Check and drain primary fuel filter and water separator
<input type="checkbox"/> Inspect or replace belt and check automatic belt tensioner	<input type="checkbox"/> Check and drain auxiliary fuel filter and water separator (if equipped)
<input type="checkbox"/> Replace primary and secondary engine air filter elements	<input type="checkbox"/> Inspect and replace cab fresh air and recirculation filter elements
<input type="checkbox"/> Check air cleaner dust unloader valve	<input type="checkbox"/> Check and adjust track sag
<input type="checkbox"/> Check and fill windshield washer fluid	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Clean and tighten battery terminals	
<b>Every 10 Hours or Daily</b>	
<input type="checkbox"/> Check coolant level at surge tank	<input type="checkbox"/> Check hydraulic/hydrostatic system oil level
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Lubricate dozer linkage and blade socket
<b>Every 50 Hours</b>	
<input type="checkbox"/> Lubricate rear ripper (if equipped)	
<b>Every 250 Hours</b>	
<input type="checkbox"/> Check final drive oil level	<input type="checkbox"/> Take engine oil sample
<b>Every 500 Hours</b>	
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Replace winch oil filter (if equipped)
<input type="checkbox"/> Replace primary and final fuel filters	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Replace auxiliary fuel filter (if equipped)	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Drain water and sediment from fuel tank	<input type="checkbox"/> Take final drives oil sample
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Take hydraulic/hydrostatic system oil sample
<input type="checkbox"/> Check blade shim adjustment	
<b>Every 1000 Hours</b>	
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Replace cab fresh air and recirculation filters
<input type="checkbox"/> Check air intake hoses and connections	<input type="checkbox"/> Clean or replace winch hydraulic breather filter (if equipped)
<input type="checkbox"/> Drain and refill final drive oil	<input type="checkbox"/> Drain and refill winch oil and replace filter (if equipped)
<b>Every 2000 Hours</b>	
<input type="checkbox"/> Replace open crankcase ventilation (OCV) filter	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Drain and refill hydraulic/hydrostatic system oil and replace filters	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter
<b>Every 3000 Hours</b>	
<input type="checkbox"/> Check and adjust engine valve lash	
<b>Every 4000 Hours</b>	
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather	<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction filter	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) baffle
<b>Every 6000 Hours</b>	
<input type="checkbox"/> Drain and refill engine cooling system	